

(a)(2)(xii) Failing the on-board diagnostic check all linked to : 2012 (a)(1) Number of Vehicles Per Test Type.xls						(a)(2)(i) Fail Initial.xlsx % of Initial Tests
MY	2012					Total
	A ASM	T TSI	O OBD	B OBD+A	C OBD+T	
1968						
1969						
1970						
1971						
1972						
1973						
1974						
1975						
1976						
1977						
1978						
1979						
1980						
1981						
1982						
1983						
1984						
1985						0
1986						0
1987						0
1988						0
1989						0
1990						0
1991						0
1992						0
1993						0
1994						0
1995						0
1996		1256	384	19	1659	
1997		1721	127	3	1851	
1998		2091	167	18	2276	
1999		2339	24	1	2364	
2000		3374	14	0	3388	
2001		3134	5	0	3139	
2002		3258	4	0	3262	
2003		2715	1	0	2716	
2004		2614	0	0	2614	
2005		1741	1	0	1742	
2006		1832	0	1	1833	
2007		1000	1	2	1003	
2008		613	0	0	613	
2009		267	0	0	267	
2010		264	0	0	264	
2011		143	0	0	143	
2012		47	0	0	47	
2013		47	0	0	47	
2014		1	0	0	1	
TOTALS		28457	728	44	29229	

Note: "H" data already corrected for "C" tests.

Note: "B" and "C" failures could have failed for either OBD or tailpipe test

(a)(2)(xii) Failing the on-board diagnostic check						(a)(2)(i) Fail Initial.xlsx
P	linked to : 2012 (a)(1) Number of Vehicles Per Test Type.xls					% of Initial Tests
MY	2012					Total
	A ASM	T TSI	O OBD	B OBD+A	C OBD+T	
1968						
1969						
1970						
1971						
1972						
1973						
1974						
1975						
1976						
1977						
1978						
1979						
1980						
1981						
1982						
1983						
1984						
1985						
1986						
1987						
1988						
1989						0
1990						0
1991						0
1992						0
1993						0
1994						0
1995						0
1996		777	291	18	1086	
1997		967	101	3	1071	
1998		1233	152	17	1402	
1999		1458	12	0	1470	
2000		2080	6	0	2086	
2001		1731	4	0	1735	
2002		1717	3	0	1720	
2003		1409	0	0	1409	
2004		1218	0	0	1218	
2005		871	0	0	871	
2006		974	0	1	975	
2007		527	1	2	530	
2008		304	0	0	304	
2009		267	0	0	267	
2010		146	0	0	146	
2011		143	0	0	143	
2012		33	0	0	33	
2013		33	0	0	33	
2014		0	0	0	0	
TOTALS		15888	570	41	16499	

Note: "B" and "C" failures could have failed for either OBD or tailpipe test

(a)(2)(xii) Failing the on-board diagnostic check						(a)(2)(i) Fail Initial.xlsx
T1	linked to : 2012 (a)(1) Number of Vehicles Per Test Type.xls					% of Initial Tests
MY	2012					Total
	A ASM	T TSI	O OBD	B OBD+A	C OBD+T	
1968						
1969						
1970						
1971						
1972						
1973						
1974						
1975						
1976						
1977						
1978						
1979						
1980						
1981						
1982						
1983						
1984						
1985						
1986						
1987						
1988						
1989						
1990						
1991						
1992						
1993						
1994						
1995						0
1996		347	93	1	441	
1997		549	21	0	570	
1998		650	8	1	659	
1999		622	7	1	630	
2000		953	4	0	957	
2001		1078	1	0	1079	
2002		1165	1	0	1166	
2003		827	0	0	827	
2004		837	0	0	837	
2005		571	1	0	572	
2006		512	0	0	512	
2007		256	0	0	256	
2008		150	0	0	150	
2009		267	0	0	267	
2010		63	0	0	63	
2011		143	0	0	143	
2012		7	0	0	7	
2013		7	0	0	7	
2014		1	0	0	1	
TOTALS		9005	136	3	9144	

Note: "B" and "C" failures could have failed for either OBD or tailpipe test

(a)(2)(xii) Failing the on-board diagnostic check						(a)(2)(i) Fail Initial.xlsx
T2	linked to : 2012 (a)(1) Number of Vehicles Per Test Type.xls					% of Initial Tests
MY	2012					Total
	A ASM	T TSI	O OBD	B OBD+A	C OBD+T	
1968						
1969						
1970						
1971						
1972						
1973						
1974						
1975						
1976						
1977						
1978						
1979						
1980						
1981						
1982						
1983						
1984						
1985						
1986						
1987						
1988						
1989						
1990						
1991						
1992						
1993						
1994						
1995						
1996		118	0	0	118	
1997		179	5	0	184	
1998		190	7	0	197	
1999		241	5	0	246	
2000		301	4	0	305	
2001		287	0	0	287	
2002		337	0	0	337	
2003		426	1	0	427	
2004		517	0	0	517	
2005		273	0	0	273	
2006		275	0	0	275	
2007		165	0	0	165	
2008		127	0	0	127	
2009		267	0	0	267	
2010		43	0	0	43	
2011		143	0	0	143	
2012		7	0	0	7	
2013		7	0	0	7	
2014		0	0	0	0	
TOTALS		3903	22	0	3925	

Note: "B" and "C" failures could have failed for either OBD or tailpipe test

(a)(2)(xii) Failing the on-board diagnostic check						(a)(2)(i) Fail Initial.xlsx
H	linked to : 2012 (a)(1) Number of Vehicles Per Test Type.xls					% of Initial Tests
MY	2012					Total
	A ASM	T TSI	O OBD	B OBD+A	C OBD+T	
1968						
1969						
1970						
1971						
1972						
1973						
1974						
1975						
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1983						
1984						
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1987						
1988						
1989						
1990						
1991						
1992						
1993						
1994						
1995						
1996		14	0	0	0	14
1997		26	0	0	0	26
1998		18	0	0	0	18
1999		18	0	0	0	18
2000		40	0	0	0	40
2001		38	0	0	0	38
2002		39	0	0	0	39
2003		53	0	0	0	53
2004		42	0	0	0	42
2005		26	0	0	0	26
2006		71	0	0	0	71
2007		52	0	0	0	52
2008		32	0	0	0	32
2009		267	0	0	0	267
2010		12	0	0	0	12
2011		143	0	0	0	143
2012		0	0	0	0	0
2013		0	0	0	0	0
2014		0	0	0	0	0
TOTALS		891	0	0	0	891

Note: "H" data already corrected for "C" tests.

Note: "B" and "C" failures could have failed for either OBD or tailpipe test

(a)(2)(xii) Failing the on-board diagnostic check all linked to : 2012 (a)(1) Number of Vehicles Per Test Type.xls						(a)(2)(i) Fail Initial.xlsx
MY	2012					Total
	A ASM	T TSI	O OBD	B OBD+A	C OBD+T	
1968						
1969						
1970						
1971						
1972						
1973						
1974						
1975						
1976						
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1989						
1990						
1991						
1992						
1993						
1994						
1995						
1996		9.4%	31.1%	10.6%	11.2%	
1997		9.4%	26.8%	23.1%	9.9%	
1998		8.2%	23.9%	23.4%	8.6%	
1999		8.2%	60.0%	33.3%	8.2%	
2000		7.8%	43.8%	0.0%	7.8%	
2001		8.3%	19.2%	#DIV/0!	8.3%	
2002		6.0%	50.0%	0.0%	6.0%	
2003		5.5%	12.5%	0.0%	5.5%	
2004		3.7%	0.0%	0.0%	3.7%	
2005		3.2%	50.0%	0.0%	3.2%	
2006		2.5%	0.0%	100.0%	2.5%	
2007		1.7%	100.0%	66.7%	1.7%	
2008		0.8%	0.0%	#DIV/0!	0.8%	
2009		0.6%	0.0%	0.0%	0.6%	
2010		0.4%	#DIV/0!	#DIV/0!	0.4%	
2012		0.3%	#DIV/0!	#DIV/0!	0.3%	
2012		0.4%	#DIV/0!	#DIV/0!	0.4%	
2013		0.4%	#DIV/0!	#DIV/0!	0.4%	
2014		0.2%	#DIV/0!	#DIV/0!	0.2%	
TOTALS		3.7%	28.8%	15.1%	3.77%	

Note: "B" and "C" failures could have failed for either OBD or tailpipe test

(a)(2)(xii) Failing the on-board diagnostic check						(a)(2)(i) Fail Initial.xlsx
P	linked to : 2012 (a)(1) Number of Vehicles Per Test Type.xls					
MY	2012					
	A ASM	T TSI	O OBD	B OBD+A	C OBD+T	
1968						
1969						
1970						
1971						
1972						
1973						
1974						
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1990						
1991						
1992						
1993						
1994						
1995						
1996		9.1%	30.4%		11.2%	
1997		8.6%	24.5%		9.2%	
1998		7.9%	22.5%		8.6%	
1999		8.4%	63.2%		8.4%	
2000		8.1%	40.0%		8.1%	
2001		7.8%	20.0%		7.8%	
2002		5.7%	50.0%		5.7%	
2003		5.1%	0.0%		5.1%	
2004		3.6%	0.0%		3.6%	
2005		3.0%	0.0%		3.0%	
2006		2.5%	0.0%		2.5%	
2007		1.6%	100.0%		1.6%	
2008		0.8%	0.0%		0.8%	
2009		0.9%	0.0%		0.9%	
2010		0.4%	#DIV/0!		0.4%	
2012		0.6%	#DIV/0!		0.6%	
2012		0.5%	#DIV/0!		0.5%	
2013		0.5%	#DIV/0!		0.5%	
2014		0.0%	#DIV/0!		0.0%	
TOTALS		3.7%	27.0%		3.8%	

Note: "B" and "C" failures could have failed for either OBD or tailpipe test

(a)(2)(xii) Failing the on-board diagnostic check						(a)(2)(i) Fail Initial.xlsx
T1	linked to : 2012 (a)(1) Number of Vehicles Per Test Type.xls					
MY	2012					
	A ASM	T TSI	O OBD	B OBD+A	C OBD+T	
1968						
1969						
1970						
1971						
1972						
1973						
1974						
1975						
1976						
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1987						
1988						
1989						
1990						
1991						
1992						
1993						
1994						
1995						
1996		9.4%	33.5%		11.1%	
1997		10.1%	38.2%		10.4%	
1998		8.3%	57.1%		8.4%	
1999		7.8%	63.6%		7.9%	
2000		7.1%	36.4%		7.1%	
2001		9.4%	25.0%		9.4%	
2002		6.4%	50.0%		6.4%	
2003		5.5%	0.0%		5.5%	
2004		3.3%	#DIV/0!		3.3%	
2005		3.1%	100.0%		3.1%	
2006		2.1%	0.0%		2.1%	
2007		1.5%	#DIV/0!		1.5%	
2008		0.8%	#DIV/0!		0.8%	
2009		2.8%	0.0%		2.8%	
2010		0.3%	#DIV/0!		0.3%	
2012		1.2%	#DIV/0!		1.2%	
2012		0.3%	#DIV/0!		0.3%	
2013		0.3%	#DIV/0!		0.3%	
2014		0.8%	#DIV/0!		0.8%	
TOTALS		3.9%	35.9%	21.4%	3.9%	

Note: "B" and "C" failures could have failed for either OBD or tailpipe test

(a)(2)(xii) Failing the on-board diagnostic check						(a)(2)(i) Fail Initial.xlsx
T2	linked to : 2012 (a)(1) Number of Vehicles Per Test Type.xls					
MY	2012					
	A ASM	T TSI	O OBD	B OBD+A	C OBD+T	
1968						
1969						
1970						
1971						
1972						
1973						
1974						
1975						
1976						
1977						
1978						
1979						
1980						
1981						
1982						
1983						
1984						
1985						
1986						
1987						
1988						
1989						
1990						
1991						
1992						
1993						
1994						
1995						
1996			10.8%			10.8%
1997			12.3%			12.5%
1998			9.4%			9.7%
1999			7.8%			7.9%
2000			7.5%			7.6%
2001			7.6%			7.6%
2002			5.8%			5.8%
2003			7.0%			7.0%
2004			5.1%			5.1%
2005			4.1%			4.1%
2006			2.9%			2.9%
2007			2.2%			2.2%
2008			1.0%			1.0%
2009			6.0%			6.0%
2010			0.4%			0.4%
2012			2.1%			2.1%
2012			0.4%			0.4%
2013			0.4%			0.4%
2014			0.0%			0.0%
TOTALS			4.0%	61.1%		4.1%

Note: "B" and "C" failures could have failed for either OBD or tailpipe test

(a)(2)(xii) Failing the on-board diagnostic check						(a)(2)(i) Fail Initial.xlsx
H	linked to : 2012 (a)(1) Number of Vehicles Per Test Type.xls					
MY	2012					
	A ASM	T TSI	O OBD	B OBD+A	C OBD+T	Total
1968						
1969						
1970						
1971						
1972						
1973						
1974						
1975						
1976						
1977						
1978						
1979						
1980						
1981						
1982						
1983						
1984						
1985						
1986						
1987						
1988						
1989						
1990						
1991						
1992						
1993						
1994						
1995						
1996			18.9%		#DIV/0!	18.9%
1997			23.6%		0.0%	23.4%
1998			14.6%		#DIV/0!	14.6%
1999			9.3%		#DIV/0!	9.3%
2000			13.6%		0.0%	13.6%
2001			14.3%		#DIV/0!	14.3%
2002			11.8%		0.0%	11.7%
2003			11.1%		#DIV/0!	11.1%
2004			4.2%		#DIV/0!	4.2%
2005			2.7%		#DIV/0!	2.7%
2006			4.0%		#DIV/0!	4.0%
2007			6.7%		#DIV/0!	6.7%
2008			2.9%		#DIV/0!	2.9%
2009			58.3%		#DIV/0!	58.3%
2010			1.3%		#DIV/0!	1.3%
2012			19.9%		#DIV/0!	19.9%
2012			0.0%		#DIV/0!	0.0%
2013			0.0%		#DIV/0!	0.0%
2014			#DIV/0!		#DIV/0!	#DIV/0!
TOTALS			9.1%		0.0%	9.1%

Note: "B" and "C" failures could have failed for either OBD or tailpipe test